

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING APPLICATION UNDER 37 C.F.R. 1.53(b)  
WITHOUT FILING FEE AND/OR WITHOUT EXECUTED INVENTOR'S DECLARATION

Mail Stop Patent Application

Atty. Dkt. 4416-20

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Date: February 23, 2004

This is a request for filing a new PATENT APPLICATION under Rule 53(b) entitled:

**Geometric Modeling System with Intelligent Configuring of Solid Shapes**

without a filing fee and/or without an executed inventor's oath/declaration.

This application is made by the below identified inventor(s). Attached hereto are the following papers:

- ☐ Newly executed Declaration, ☐ Copy of Declaration from prior application, ☒ Abstract  
☐ Please delete the following inventors in the continuation/division/continuation-in-part application:

Deleted persons:

39 pages of specification and claims (including 52 numbered claims), and

17 sheets of accompanying drawing/s for Figures 1 - 9.

☐ Attached is a Power of Attorney.

☐ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:

Application Number	Country	Day/Month/Year Filed
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, respectively, the entire content of which is hereby incorporated by reference in this application..

☐ Certified copy(ies) of foreign application(s) is/are attached.

☐ Certified copy(ies) filed on \_\_\_\_\_ in prior application no. \_\_\_\_\_ filed \_\_\_\_\_

☐ This application claims the benefit of Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_, the entire content of which is hereby incorporated by reference in this application.

☐ This application is a ☐ continuation/☐ division/☐ continuation-in-part of Application No. \_\_\_\_\_, filed \_\_\_\_\_, the entire content of which is hereby incorporated by reference in this application.

☐ Petition filed in prior application to extend its life to insure co-pendency.

☐ The prior application is assigned to \_\_\_\_\_

☐ It is hereby requested that the Examiner consider the art cited in the above parent application(s) by applicant and/or the Examiner for the reasons stated therein. A listing of that art is attached, but pursuant to Rule 98(d) copies are not required.

☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.

☐ Please enter the attached preliminary amendment prior to calculation of filing fee:

☒ Also attached: ☒ Information Disclosure Statement; ☐ Non-Publication Request; ☐ Nucleotide and/or Amino Acid Sequence Submission; ☐ Statement deleting Inventor(s) named in prior application; ☐ Other:

1. Inventor: Tao-Yang (first) MI HAN (last) United States (citizenship)  
Residence: (city) Marietta (state/country) Georgia  
Mailing Address: 4646 Meharris Place, Marietta, Georgia  
(Zip Code) 30062

2. Inventor: Yawei (first) MI LI (last) United States (citizenship)  
Residence: (city) Marietta (state/country) Georgia  
Mailing Address: 3219 Vickery Drive, Marietta, Georgia  
(Zip Code) 30066

☒ See attached sheet(s) for additional inventor(s) information!!

Address all future communications to NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8<sup>th</sup> Floor, Arlington, VA 22201.

Correspondence Address:

NIXON & VANDERHYE P.C.

Customer Number:

23117

By Atty: H. Warren Burnam, Jr., Reg. No. 29,366

Telephone: (703) 816-4000

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HWB:lsb

Signature:

*[Handwritten Signature]*

3. Inventor: Bryan (first) MI CARGILL (last) United States (citizenship)  
Residence: (city) Marietta (state/country) Georgia  
Mailing Address: 1547 Brentwood Drive, Marietta, Georgia  
(Zip Code) 30062
4. Inventor: (first) MI (last) (citizenship)  
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11. Inventor: (first) MI (last) (citizenship)  
Residence: (city) (state/country)  
Mailing Address: , ,  
(Zip Code)

NOTE: FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

HAN et al

Serial No. 10/783,086

Filed: February 23, 2004

For: GEOMETRIC MODELING SYSTEM WITH INTELLIGENT CONFIGURING OF  
SOLID SHAPES

Attention: Application Branch

Atty. Dkt. 4416-20

Date: June 8, 2004

**Mail Stop Missing Parts**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

The attached completes filing of the above-identified patent application:☐ **Correspondence Address Indication Form Attached.**☒ Signed Rule 63 Declaration alone, ☐ Copy of Declaration from prior application alone, OR☐ Signed Declaration plus attached copy of originally filed specification/drawings.☒ **NOTICE TO FILE MISSING PARTS OF APPLICATION FILING DATE GRANTED** form.☒ Record the attached assignment to IRONCAD LLC, Atlanta, Georgia and return to the undersigned.☒ Attached is a Power of Attorney.☐ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:**Application Number****Country****Day/Month/Year Filed**

respectively.

☐ Certified copy(ies) of foreign application(s) is/are attached.☐ Certified copy(ies) filed on \_\_\_\_\_ in prior application no. \_\_\_\_\_, filed \_\_\_\_\_.☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.☐ Please enter the attached preliminary amendment prior to calculation of filing fee.☒ Also attached: ☒ **Information Disclosure Statement**; ☐ **Nucleotide and/or Amino Acid  
Sequence Submission**; ☐ **Other**:**Fees due are calculated below:**

Basic filing fee		\$	770.00
Total Effective claims	52 - 20 = 32	x \$	18.00
Independent claims	6 - 3 = 3	x \$	86.00
If any proper multiple dependent claims now added for first time, add \$290.00 (ignore improper)		\$	0.00
	<b>FILING FEE</b>	\$	1,604.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months; \$1480.00/4 months)		\$	
Surcharge (\$130.00) if Declaration or filing fee first now submitted		\$	130.00
English translation of specification and claims (\$130.00)		\$	0.00
	<b>FIRST SUBTOTAL</b>	\$	1,734.00
If "small entity," enter half (½) of subtotal and subtract		-\$	0.00
	<b>SECOND SUBTOTAL</b>	\$	1,734.00
Assignment Recording Fee (\$40.00)		\$	40.00
	<b>TOTAL FEE DUE</b>	\$	1,774.00
	Check enclosed (Pre-Bill)*	\$	
	Check enclosed (non Pre-Bill)*	\$	1774.00
	<b>TOTAL FEE ENCLOSED</b>	\$	1774.00

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON &amp; VANDERHYE P.C.

By Atty: H. Warren Burnam, Jr., Reg. No. 29,366

Signature: *H. Warren Burnam, Jr.*